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PROVISIONAL SPECIFICATION.

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An Enema Nozzle.

I HERMANN JULIUS LANGE, Surgical Mechanician 47, Arthur Road, Tollington Road, Holloway, N. do hereby declare the nature of this invention to be as follows :—

5 It is an Enema Nozzle, to which is attached a plate, moulded in such a form that after insertion of the Nozzle into the Rectum the apparatus will keep in position without being held.

Dated this 10th day of June 1887.

HERMANN J. LANGE.

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COMPLETE SPECIFICATION.

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An Enema Nozzle.

I HERMANN JULIUS LANGE 47 Arthur Road Surgical Mechanician Tollington Road Holloway London N. do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement :—

15 My invention has for its object an improvement upon the ordinary Enema Nozzles hitherto used. Its advantages are that by its use the person who wishes to administer to himself or herself an Enema can do so while sitting down on a chair or other support after having placed the end of the nozzle in the rectum he or she

[Price 6d.]

*Lange's Enema Nozzle.*

then having both hands free to inject the enema. I will now describe my invention reference being made to the accompanying drawing. I make my enema nozzle of metal, vulcanite or of any other suitable material. It consists of the following parts "*a*" a nipple which enters the rectum "*b*" a base which may be of various shapes "*c c*" a tube with an opening "*d*." When the nipple is inserted 5 into the bowel and the individual is seated or a chair on other support the nozzle retains its position and the tube "*c c*" projects forwards between the legs. The nozzle of any ordinary Enema syringe can then be inserted with perfect ease into the opening "*d*" and the injection managed with ease as both hands are perfectly free. Or the Enema syringe can be attached to the nozzle in the first place and the 10 apparatus filled with fluid before inserting the nipple into the rectum or the Enema nozzle can be attached permanently to an Enema syringe or Enema apparatus so as to form a permanent part of that syringe or Enema apparatus.

Figure 1. represents the Enema nozzle which may vary in shape, seen sideways.

Figure 2 represents the same nozzle as in figure 1. but seen from above. 15

Figure 3. represents another form of the Enema nozzle seen sideways.

Figure 4 represents the same Enema nozzle as in figure 3 but seen from above.

"*a*" in all the figures is the nipple for insertion into the rectum.

"*b*" in all the figures is the base.

"*c c*" in all the figures is the tube the cavity of which leads to and through the 20 nipple.

"*d*" in all the figures is the opening into which the nozzle of any ordinary Enema syringe can be inserted for injection.

"*e e*" in figures 1 and 2 and "*f*" in figures 3 and 4 represent junctions for 25 attaching the end of an ordinary Enema pipe.

Having now particularly described and ascertained the nature of my said Invention and in what manner the same is to be performed I declare that what I claim is :—

1. Enema nozzles constructed with a base to the ordinary nipple which will keep the nipple in position as far as necessary in the rectum without being held while the 30 individual sits comfortably on a chair or other support.

2. An extension of the nozzle to a position which can be conveniently reached by the person administering to himself or herself an Enema while he or she is in a sitting posture so that he or she can attach or detach if necessary an ordinary Enema apparatus while remaining in that posture, or which can form a permanent part of 35 any Enema syringe or Enema apparatus.

3. The general construction of Enema nozzles as illustrated in the accompanying drawing and hereintofore described.

Dated this 10th day of October 1887.

HERMANN JULIUS LANGE. 40

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By DARLING AND SON.

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[This Drawing is a reproduction of the Original on a reduced scale]



